

Appl. No. 09/994,353
Amendment dated December 11, 2005
Reply to Office Action mailed September 7, 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims (deleted text being struck through and added text being underlined):

1 1. (Currently Amended) A method for assigning Internet
2 Protocol (IP) addresses, comprising:
3 identifying hosts present within a local network;
4 providing a list of available features for at least one host
5 within said local network;
6 receiving a selection of one of said available features from
7 said list;
8 analyzing by an agent if said selected feature requires a static
9 IP address to be assigned to said at least one host; and
10 assigning an IP address to said at least one host by said agent,
11 wherein a static IP address is assigned to said at least one host if
12 said selected feature requires said static IP address.

1 2. (Original) The method as claimed in claim 1, wherein a
2 dynamic IP address is assigned to said at least one host if said
3 selected feature does not require said static IP address to be
4 assigned to said at least one host.

1 3. (Original) The method as claimed in claim 2, wherein said
2 static IP address is assigned from a pool of available static IP
3 addresses and said dynamic IP address is assigned from a pool of
4 available dynamic addresses.

1 4. (Original) The method as claimed in claim 1, wherein said
2 list is provided in a graphical user interface.

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1 5. (Original) The method as claimed in claim 4, wherein said
2 selected feature is capable of being selected by a user utilizing said
3 graphical user interface.

1 6. (Original) The method as claimed in claim 1, wherein said
2 assigning of said IP address is in accordance with Dynamic Host
3 Configuration Protocol.

1 7. (Original) The method as claimed in claim 1, further
2 comprising: returning said static IP address to a pool of available IP
3 addresses if said selected feature requiring said static IP address is
4 disabled.

1 8. (Original) A program of instruction storable on a medium
2 readable by an information handling system to execute steps for
3 assigning Internet Protocol (IP) addresses, the steps comprising:
4 identifying hosts present within a local network; providing a
5 list of available features for at least one host within said local
6 network;
7 receiving a selection of one of said available features from
8 said list;
9 analyzing if said selected feature requires a static IP address
10 to be assigned to said at least one host; and
11 assigning an IP address to said at least one host, wherein a
12 static IP address is assigned to said at least one host if said selected
13 feature requires said static IP address.

1 9. (Original) The program of instructions as claimed in claim
2 8, wherein a dynamic IP address is assigned to said at least one host
3 if selected feature does not require said static IP address to be
4 assigned to said at least one host.

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1 10. (Original) The program of instructions as claimed in claim
2 9, wherein said static IP address is assigned from a pool of
3 available static IP addresses and said dynamic IP address is
4 assigned from a pool of available dynamic addresses.

1 11. (Original) The program of instructions as claimed in claim
2 8, wherein said list is provided in a graphical user interface.

1 12. (Original) The program of instructions as claimed in claim
2 11, wherein said selected feature is capable of being selected by a
3 user utilizing said graphical user interface.

1 13. (Original) The program of instructions as claimed in claim
2 8, wherein said assigning of said IP address is in accordance with
3 Dynamic Host Configuration Protocol.

1 14. (Original) The program of instructions as claimed in claim
2 8, further comprising: returning said static IP address to a pool of
3 available IP addresses if said selected feature requiring said static
4 IP address is disabled.

1 15. (Original) In a local network of one or more one hosts, a
2 system for assigning Internet Protocol (IP) addresses, comprising:
3 means for identifying the hosts present within the local
4 network;
5 means for providing a list of available features for at least one
6 host within the local network;
7 means for receiving a selection of one of said available
8 features from said list;
9 means for analyzing if said selected feature requires a static
10 IP address to be assigned to said at least one host; and

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11 means for assigning an IP address to said at least one host,
12 wherein a static IP address is assigned to said at least one host if
13 said selected feature requires said static IP address.

1 16. (Original) The system as claimed in claim 15, wherein a
2 dynamic IP address is assigned to said at least one host if said
3 selected feature does not require said static IP address to be
4 assigned to said at least one host.

1 17. (Original) The system as claimed in claim 16, wherein said
2 static IP address is assigned from a pool of available static IP
3 addresses and said dynamic IP address is assigned from a pool of
4 available dynamic addresses.

1 18. (Original) The system as claimed in claim 15, wherein said
2 list is provided in a graphical user interface.

1 19. (Original) The system as claimed in claim 18, wherein said
2 selected feature is capable of being selected by a user utilizing said
3 graphical user interface.

1 20. (Original) The system as claimed in claim 15, wherein said
2 assigning means operates in accordance with Dynamic Host
3 Configuration Protocol.

1 21. (Original) The system as claimed in claim 15, further
2 comprising: means for returning said static IP address to a pool of
3 available addresses if said selected feature requiring said static IP
4 address is disabled.

1 22. (Original) In a local network of one or more hosts, a
2 system for assigning Internet Protocol (IP) addresses, comprising:
3 a processor;

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4 a memory coupled to said processor, wherein said memory is
5 capable of storing a list of available features for at least one host
6 within the local network;

7 a display coupled to said processor, wherein said display is
8 capable of providing said list of available features to a user;

9 an input device coupled to said processor, wherein said input
10 device is capable of receiving a selection by said user of one of said
11 available features from said list; and

12 logic capable of being executed by the processor, wherein said
13 logic is capable of identifying hosts present within a local network,
14 analyzing if said feature selected by said user requires a static IP
15 address to be assigned to said at least one host, and assigning an IP
16 address to said at least one host, wherein a static IP address is
17 assigned to said at least one host if said selected feature requires
18 said static IP address.

1 23. (Original) The system as claimed in claim 22, wherein a
2 dynamic IP address is assigned to said at least one host if said
3 selected feature does not require said static IP address to be
4 assigned to said at least one host.

1 24. (Original) The system as claimed in claim 23, wherein said
2 static IP address is assigned from a pool of available static IP
3 addresses and said dynamic IP address is assigned from a pool of
4 available dynamic addresses.

1 25. (Original) The system as claimed in claim 22, wherein said
2 list is provided in a graphical user interface on said display.

1 26. (Original) The system as claimed in claim 25, wherein said
2 selected feature is capable of being selected by said user utilizing
3 said graphical user interface.

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1 27. (Original) The system as claimed in claim 22, wherein said
2 IP address is assigned in accordance with Dynamic Host
3 Configuration Protocol.

1 28. (Original) The system as claimed in claim 22, said logic is
2 further capable of returning said static IP address to a pool of
3 available addresses of said selected feature requiring said static IP
4 address is disabled.

1 29. (Previously Presented) The system of claim 1 wherein said
2 analyzing if said selected feature requires a static IP address is
3 performed automatically.

1 30. (Previously Presented) The system of claim 1 wherein said
2 analyzing if said selected feature requires a static IP address is
3 performed without user intervention.

1 31. (Previously Presented) The system of claim 1 wherein said list
2 of available features includes blocking access to the Internet from said at
3 least one host.

1 32. (Previously Presented) The system of claim 1 wherein said list
2 of available features includes designating said at least one host as a
3 demilitarized zone (DMZ) host.